

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 03-067638

(43)Date of publication of application : 22.03.1991

(51)Int.Cl.

B29C 67/14  
// B29K105:02  
B29L 9:00  
B29L 23:00

(21)Application number : 01-204110

(71)Applicant : MITSUBISHI ELECTRIC CORP

(22)Date of filing : 07.08.1989

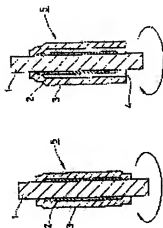
(72)Inventor : ONO TOSHIO  
YOSHIDA HIROSHI

## (54) PREPARATION OF FRP PIPE

(57)Abstract:

PURPOSE: To prepare an FRP pipe preventing the non-uniformity of the resin layer on the outer surface of a molded product or the generation of air bubbles in said molded product and having smooth appearance and sufficient strength by arranging a molded body in a vertical direction and shrinking only a heat-shrinkable tube under heating before heating and curing the resin infiltrated in a fiber.

CONSTITUTION: A resin impregnated fiber 2 is wound around the outer periphery of core 1 by a filament winding method and, subsequently, the molded body 5 covered with a heat-shrinkable tube 3 is suspended in a vertical direction to be rotated at a low speed in the circumferential direction and hot air is applied to the outer peripheral surface of the heat-shrinkable tube 3 from the upper end part thereof to shrink the heat-shrinkable tube 3 moved to the lower end part thereof to closely bond the resin impregnated fiber 2 and the heat-shrinkable tube 3. Thereafter, when the resin infiltrated in the fiber 2 is heated and cured in such a state that the molded body is suspended in a vertical direction, the thickness of the resin becomes uniform.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]